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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rainer Ruggaber et al.
Serial No. : 10/698,978
Filed : October 31, 2003
Title : A PUBLISH-SUBSCRIBE SYSTEM

Art Unit : 3629
Examiner : Unknown

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

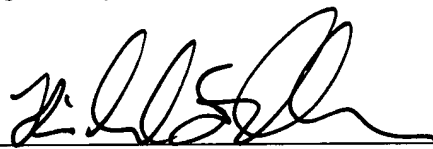
Copies of the references listed on the attached form PTO-1449 are enclosed. This application was filed after June 30, 2003; therefore, only copies of foreign patent documents and non-patent literature are being furnished.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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9/29/04


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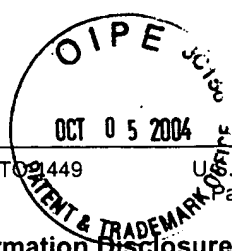
September 30, 2004

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Substitute Form PTO 1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-110001	Application No. 10/698,978
	Applicant Rainer Ruggaber et al.		
	Filing Date October 31, 2003	Group Art Unit 3629	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US-5584699	12-1996	Silver			
	AB	US-5675802 A	10-1997	Allen et al.			
	AC	US-5802514	09-1998	Huber			
	AD	US-6134552 A	10-2000	Fritz et al.			
	AE	US-6175841	01-2001	Loiacono			
	AF	US-6430563 B1	08-2002	Fritz et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	GB 2373625 A	09-2002	United Kingdom				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AH	Lipkin, Daniel, "Universal Learning Format Technical Specification," January 13, 2001, retrieved from the Internet on July 29, 2004, at http://xml.coverpages.org/ulf.html , XP002290517, pp. 1-3.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	